

# RNF-3000-3/1-8-SP ✓ ACTIVE

Raychem | Raychem RNF-3000

TE Internal #: 0450094003

Raychem RNF-3000, Heat Shrink Tubing, Gray, Single Wall Type, 3 Expanded Inside Diameter (Min) .118 Expanded Inside Diameter (Min)

[View on TE.com >](#)



Heat Shrink Tubing > RNF-3000 Single Wall Spool HS Tubing



Primary Product Color: **Gray**

Wall Type: **Single**

Expanded Inside Diameter (Min): **3 mm [ .118 in ]**

Recovered Inside Diameter (Max): **1 mm [ .039 in ]**

Shrink Ratio: **3:1**

[All RNF-3000 Single Wall Spool HS Tubing \(91\)](#)

## Features

### Product Type Features

Product Family	RNF-3000
Wall Type	Single

### Electrical Characteristics

Voltage (Max)	.6 kV
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### Body Features

Fluid Type	Gasoline, Hydraulic Fluid, Lubricating Oil, Water
Primary Product Color	Gray
Shrink Ratio	3:1
Primary Product Material	Irradiated Modified Polyolefin
Flexibility	Flexible

### Dimensions

Recovered Wall Thickness (Tolerance)	.1 mm[.004 in]
Recovered Wall Thickness (Nominal)	.55 mm[.022 in]
Expanded Inside Diameter (Min)	3 mm[.118 in]
Recovered Inside Diameter (Max)	1 mm[.039 in]
Heat Shrink Tubing Size Range	1 – 3 mm[.039 – .118 in]



### Usage Conditions

Fluid Resistance	Splash Protection
Shrink Temperature (Min)	80 °C
Heat Shrink Tubing Flammability	Flame-Retardant
Operating Temperature Range	-55 – 135 °C
Heat Shrink Tubing Resistance	Abrasion, Fluids, Mechanical Damage, Strain
Recovery Temperature	120 °C

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Spool
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### Other

Meets Low Outgassing Requirements	No
Product Source	Czech Republic

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits

as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts

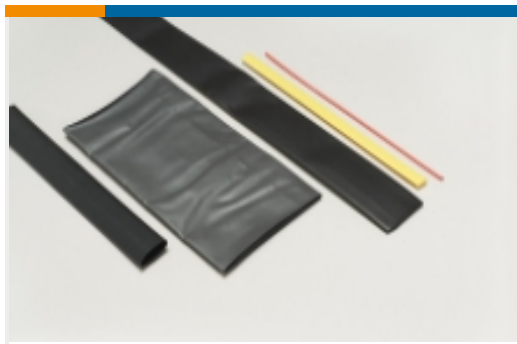


TE Part # CJ2087-000  
HL2010E-KIT-120V



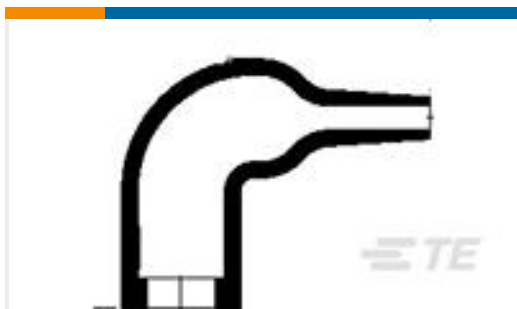
TE Part # EG1114-000  
CV1981-ST-230V1600W-EU

## Also in the Series | Raychem RNF-3000



Heat Shrink Tubing(212)

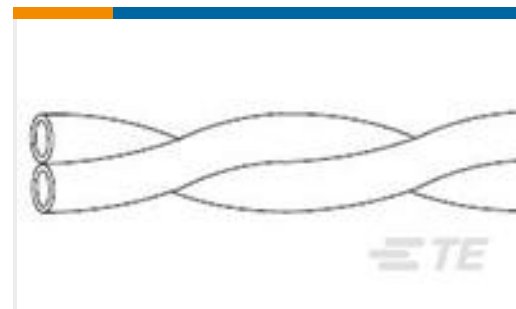
## Customers Also Bought



TE Part #D09793-000  
224W511-25-0



TE Part #1851844004  
RNF-3000 Single Wall Spool HS Tubing



TE Part #1304773001  
55M0424-28-2/6



TE Part #2160023004  
55A0111-22-2



## Documents

### Product Drawings

[RNF-3000-3/1-8-SP](#)

English

### Datasheets & Catalog Pages

[RNF-3000 Pages from 9-1773447-9](#)

English

[Application Tooling for Raychem Heat Shrink Product](#)

English

[Measuring\\_Single\\_Wall\\_Tubing](#)

English

[Selecting\\_Correct\\_Tubing](#)

English

### Product Specifications

[Product Specification](#)

English